INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/003144

			2004/003144
A. CLASSIFICATION OF SU Int.Cl ⁷ H01M4/9	BJECT MATTER 90, H01M8/04, H01M8/0	6	
According to International Pater	t Classification (IPC) or to both natio	onal classification and IPC	√ *
B. FIELDS SEARCHED			
Minimum documentation search Int.Cl ⁷ H01M4/9	ed (classification system followed by 0, H01M8/00-8/24	classification symbols)	
Documentation searched other the Jitsuyo Shinan Koh Kokai Jitsuyo Shir	no 1922–1996 I	tent that such documents are included in the Poroku Jitsuyo Shinan Koho Jitsuyo Shinan Toroku Koho	1994-2004
Electronic data base consulted d	uring the international search (name o	f data base and, where practicable, search to	erms used)
C. DOCUMENTS CONSIDER	ED TO BE RELEVANT		
Category* Citation	of document, with indication, where	appropriate, of the relevant passages	Relevant to claim No.
Y Ltd.), A 28 Febr	uary, 2003 (28.02.03) 1; Par. Nos. [0030],		1-4,6-8,11 5,10 9
Ltd.), 22 Febru Par. No	JP 2002-56873 A (Mitsubishi Heavy Industries, Ltd.), 22 February, 2002 (22.02.02), Par. No. [0011] (Family: none)		_. 5
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Further documents are liste	d in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than		"T" later document published after the inte date and not in conflict with the applica the principle or theory underlying the in document of particular relevance; the c	ation but cited to understand evention lateral avention lateral invention cannot be
		considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
the priority date claimed	-	"&" document member of the same patent fa	amily
Date of the actual completion of the international search 07 June, 2004 (07.06.04)		Date of mailing of the international search report 22 June, 2004 (22.06.04)	
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No. orm PCT/ISA/210 (second sheet)	January 2004)	Telephone No.	•

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International application No.
PCT/JP2004/003144

		PCT/JP20	004/003144
C (Continuation).	DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	JP 5-299105 A (Mitsubishi Heavy Industries, Ltd.), 12 November, 1993 (12.11.93), Full text (Family: none)		10
X .	Spervised by Zen'ichiro TAKEHARA, "Nenryo Gijutsu to sono Oyo", Shohan, Technosyste January, 2000 (30.01.00), pages 239 to 24		
P,X	<pre>JP 2004-71450 A (Daikin Industries, Ltd. 04 March, 2004 (04.03.04), Claim 1; Par. Nos. [0004] to [0103] (Family: none)</pre>),	1-4,6-8,11
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